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RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/523,474
Source: PG/10
Date Processed by STIC: 2/22/05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/523,474

CRF Edit Date: 2/24/05
Edited by: AZ

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

J

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

19,28

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



PCT10

RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/523,474

TIME: 16:30:05

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242005\J523474.raw

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5 <110> APPLICANT: Herz, Stefan
6      Koop, Hans-Ulrich
7      Golds, Timothy J.
8      Eibl, Christian
10 <120> TITLE OF INVENTION: Plastid Transformation Using Modular Vectors
12 <130> FILE REFERENCE: 049202/286618
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/523,474
C--> 16 <141> CURRENT FILING DATE: 2005-02-04
16 <150> PRIOR APPLICATION NUMBER: DE 102 36 001
17 <151> PRIOR FILING DATE: 2002-08-06
20 <160> NUMBER OF SEQ ID NOS: 39
23 <170> SOFTWARE: PatentIn version 3.1
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75 <223> OTHER INFORMATION: PCR primer
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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/523,474

TIME: 16:30:05

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242005\J523474.raw

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96 <210> SEQ ID NO: 6
97 <211> LENGTH: 30
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100 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: PCR primer
107 <400> SEQUENCE: 6
108 tacgaattca agagaaggtc acggcgagac 30
111 <210> SEQ ID NO: 7
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113 <212> TYPE: DNA
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121 <400> SEQUENCE: 7
122 gaccctgcag gcaaaaaatc tcaaatagcc 30
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126 <211> LENGTH: 28
127 <212> TYPE: DNA
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135 <400> SEQUENCE: 8
136 cgggatccga tttttcttta gacttcgg 28
139 <210> SEQ ID NO: 9
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143 <213> ORGANISM: Artificial Sequence
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147 <223> OTHER INFORMATION: PCR primer
149 <400> SEQUENCE: 9
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157 <213> ORGANISM: Artificial Sequence
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162 <223> OTHER INFORMATION: PCR primer
164 <400> SEQUENCE: 10
165 cgagctccac cgcggtggcg gcccgtcgac cctgcaggca aaaaatctc 49

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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/523,474

TIME: 16:30:05

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242005\J523474.raw

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184 <212> TYPE: DNA
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198 <211> LENGTH: 25
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205 <220> FEATURE:
206 <223> OTHER INFORMATION: PCR primer
208 <400> SEQUENCE: 13
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212 <210> SEQ ID NO: 14
213 <211> LENGTH: 37
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222 <400> SEQUENCE: 14
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227 <211> LENGTH: 25
228 <212> TYPE: DNA
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242 <212> TYPE: DNA
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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/523,474

TIME: 16:30:05

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242005\J523474.raw

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271 <212> TYPE: DNA
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277 <223> OTHER INFORMATION: PCR primer
279 <400> SEQUENCE: 18
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290 <220> FEATURE:
291 <223> OTHER INFORMATION: ligation oligo
293 <400> SEQUENCE: 19
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296 cccagcggcc gcggtac 77
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301 <212> TYPE: DNA
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313 <210> SEQ ID NO: 21
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317 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: PCR primer
324 <400> SEQUENCE: 21
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330 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: PCR primer
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339 cactacattt cgctcatcgc c 21
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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/523,474

TIME: 16:30:05

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02242005\J523474.raw

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344 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
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352 <400> SEQUENCE: 23
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358 <212> TYPE: DNA
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363 <220> FEATURE:
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370 <210> SEQ ID NO: 25
371 <211> LENGTH: 19
372 <212> TYPE: DNA
374 <213> ORGANISM: Artificial Sequence
377 <220> FEATURE:
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380 <400> SEQUENCE: 25
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384 <210> SEQ ID NO: 26
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386 <212> TYPE: DNA
388 <213> ORGANISM: Artificial Sequence
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394 <400> SEQUENCE: 26
395 tatagggcc agctataggt ttacattttt accc 34
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400 <212> TYPE: DNA
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416 <213> ORGANISM: Artificial Sequence
419 <220> FEATURE:
420 <223> OTHER INFORMATION: modified multi cloning site
422 <400> SEQUENCE: 28
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425 tcatcaccat catcactaat ctagagagct cctcgaggcg gccgcggtac catgcatgca 120
427 agctt 125

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VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/523,474**

DATE: 02/24/2005

TIME: 16:30:06

Input Set : **A:\PTO.AMC.txt**

Output Set: **N:\CRF4\02242005\J523474.raw**

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:36 M:283 W: Missing Blank Line separator, <400> field identifier
L:49 M:283 W: Missing Blank Line separator, <400> field identifier



PCT

RAW SEQUENCE LISTING

DATE: 02/22/2005

PATENT APPLICATION: US/10/523,474

TIME: 09:33:13

Input Set : A:\286618_Sequence_Listing.txt

Output Set: N:\CRF4\02222005\J523474.raw

5 <110> APPLICANT: Herz, Stefan
 6 Koop, Hans-Ulrich
 7 Golds, Timothy J.
 8 Eibl, Christian
 10 <120> TITLE OF INVENTION: Plastid Transformation Using Modular Vectors
 12 <130> FILE REFERENCE: 049202/286618
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/523,474
 C--> 16 <141> CURRENT FILING DATE: 2005-02-04
 16 <150> PRIOR APPLICATION NUMBER: DE 102 36 001
 17 <151> PRIOR FILING DATE: 2002-08-06
 20 <160> NUMBER OF SEQ ID NOS: 39
 23 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

Does Not Comply
Corrected Diskette Needed

283 <210> SEQ ID NO: 19
 284 <211> LENGTH: 77
 285 <212> TYPE: DNA
 287 <213> ORGANISM: Artificial Sequence
 290 <220> FEATURE:
 291 <223> OTHER INFORMATION: ligation oligo
 293 <400> SEQUENCE: 19
 E--> 294 gatgtctaga agcaacgtaa aaaaacccgc cccggcggtg ttttttatac ccgtagtatc ⑥ 60
 296 cccagcggcc gcggtac 77
 412 <210> SEQ ID NO: 28
 413 <211> LENGTH: 125
 414 <212> TYPE: DNA
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 419 <220> FEATURE:
 420 <223> OTHER INFORMATION: modified multi cloning site
 422 <400> SEQUENCE: 28
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 425 tcataccat catcactaat ctagagagct cctcgaggcg gccgcggtac catgcatgca 120
 427 agctt 125

VERIFICATION SUMMARY

DATE: 02/22/2005

PATENT APPLICATION: US/10/523,474

TIME: 09:33:15

Input Set : A:\286618_Sequence_Listing.txt

Output Set: N:\CRF4\02222005\J523474.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:294 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:19

L:423 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:60 SEQ:28

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